Contents of Aquaculture, Volume 91

VOL. 91 NOS. 1/2	1 DECEMBER 1990
Diseases, Parasites and Predators	
Occurrence of luminous bacterial disease of <i>Pena</i> C.R. Lavilla-Pitogo, M.C.L. Baticados, E.R. C (Iloilo, Philippines)	ruz-Lacierda and L.D. de la Pena
Mebendazole treatment against <i>Pseudodactylogy</i> S. Mellergaard (Frederiksberg, Denmark)	rus infections in eel (Anguilla anguilla)
Husbandry and Management	
Factors affecting survival of rotifers (Brachionus E. Lubzens, G. Kolodny, B. Perry (Haifa, Isra	el), N. Galai, R. Sheshinski and Y.
Wax (Jerusalem, Israel) Energy budget of a Mytilus edulis L. population of bay of Marennes-Oléron	luring its first year on bouchots in the
J.M. Deslous-Paoli (Sète, France), S. Boromt (La Tremblade, France), W. Boromthanarat Tremblade, France)	(Songkla, Thailand) and D. Razet (La
The effects of salinity on the survival and growth C.A. Martinez-Palacios (Merida, Mexico), L. M. Rosado-Vallado (Merida, Mexico)	of juvenile Cichlasoma urophthalmus G. Ross (Stirling, Great Britain) and
Weaning of wild-caught common wolffish (Anar. E. Moksness (His, Norway)	hichas lupus) larvae
Stochastic model of carp fingerling growth M.A. Szumiec (Chybie, Poland)	
Nutrition	
Development of dry food for larvae of Coregonu and fat absorption R. Rösch (Langenargen, Federal Republic of	•
Federal Republic of Germany)	
Development of dry food for larvae of Coregonu H. Segner (Karsruhe, Federal Republic of Ge Federal Republic of Germany)	rmany) and R. Rösch (Langenargen,
The effect of dietary (n-3) polyunsaturated fatty bladder development in Sparus aurata larvae W.M. Koven, A. Tandler, G. Wm. Kissil (Eil	acids on growth, survival and swim
O. Friezlander and M. Harel (Eilat, Israel) Influence of varying energy levels with two prote	in concentrations in diets for hybrid
tilapia (Oreochromis niloticus × O. aureus) re SY. Shiau and SL. Huang (Keelung, Taiwa	rared in scawater
Response to carotenoids by rainbow trout in the dietary astaxanthin and canthaxanthin	sea: resorption and metabolism of
B. Bjerkeng (Trondheim, Norway), T. Storel	

Physiology and Endocrinology				
Binding of soybean agglutinin to small intestinal brush border membranes and brush border membrane enzyme activities in Atlantic salmon (Salmo salar)				
			H.G.C.J.M. Hendriks, T.S.G.A.M. van den Ingh (Ut	trecht, Netherlands), Å.
Krogdahl, J. Olli (Ås, Norway) and J.F.J.G. Konink				
Annual and daily variations of plasma cortisol in sea bass, Dicentrarchus labrax L.				
J. Planas, J. Gutierrez, J. Fernandez (Barcelona, Spain), M. Carrillo (Castellón, Spain) and P. Canals (Barcelona, Spain)				
			CF. Chang and WS. Yueh (Keelung, Taiwan)	
			Short Communication	
Growth acceleration of coho salmon (Oncorhynchus kis	autch) following oral			
administration of recombinant bovine somatotropin	inten y tollowing oral			
E. McLean, E.M. Donaldson, H.M. Dye (West Vanc	ouver BC Canada) and I M			
Souza (Thousand Oaks, CA, USA)				
Souza (Thousand Oaks, CA, USA)	171			
VOL. 91 NOS. 3/4	15 DECEMBER 1990			
Diseases, Parasites and Predators				
Effect of oxolinic acid on bacterial flora and hatching s	uccess rate of rainbow trout, On-			
corhynchus mykiss, eggs				
G.A. Barker, S.N. Smith (Birmingham, Great Brita Great Britain)	in) and N.R. Bromage (Stirling,			
Economics and Marketing				
Economic feasibility analysis of the monoculture of mu	derah (Sevila serrata) Forsekal			
R.F. Agbayani, D.D. Baliao, G.P.B. Samonte, R.E. 7				
oilo City, Philippines)				
Husbandry and Management				
The effect of manure application rate and frequency to	anon fish yield in integrated fish			
farm ponds	apon non yield in integrated non			
Y. Zhu, Y. Yang, J. Wan, D. Hua (Wuxi, China) and	d J.A. Mathias (Winnipeg, Man.,			
Canada)				
Growth characteristics and relationships among body le	ength, body weight and tail weight			
of Penaeus monodon from a culture environment in				
C.S. Cheng (Tung Kang, Taiwan) and L. Chen (San	Diego, CA, USA)253			
Acute and chronic toxicity of ammonia to juvenile Me monodon and the influence of low dissolved-oxygen	levels			
G.L. Allan, G.B. Maguire and S.J. Hopkins (Salama				
Factors affecting intensive larval rearing of striped mul				
H. Eda, R. Murashige (Honolulu, HI, USA), Y. O wara (Nagasaki, Japan), B. Eastham, P. Bass, C.S. 7	Tamaru and CS. Lee (Honolulu,			
HI, USA)				
The influence of maternal age and delayed initial feeding previously unfed O. niloticus (L.) and O. mossambi	cus (Peters) fry			
K.J. Rana (Stirling, Great Britain)	295			

Nutrition
Effects of dietary α -cellulose levels on the juvenile tilapia, <i>Oreochromis mossambicus</i> (Peters)
O.B. Dioundick and D.I. Stom (Irkutsk, USSR)
Requirement and utilization of ascorbic acid and ascorbic sulfate in juvenile rainbow trout
K. Dabrowski, N. El-Fiky, G. Köck (Innsbruck, Austria), M. Frigg (Basel, Switzerland) and W. Wieser (Innsbruck, Austria)
Lipid composition of fat trimmings from farm-raised alligator
A. Peplow, M. Balaban and F. Leak (Gainesville, FL, USA)
Physiology and Endocrinology
Physiological stress in striped bass: effect of acclimation temperature
K.B. Davis (Memphis, TN, USA) and N.C. Parker (Marion, AL, USA)
Plasma prolactin and cortisol concentrations during salinity challenges of coho salmon (Oncorhynchus kisutch) at smolt and post-smolt stages
M. Avella (Corvallis, OR, USA), G. Young (Berkeley, CA, USA), P. Prunet (Rennes,
France) and C.B. Schreck (Corvallis, OR, USA)
Effects of acute versus sustained administration of GnRHa on GtH release and ovulation in the rainbow trout, Oncorhynchus mykiss
B. Breton, C. Weil, E. Sambroni (Rennes, France) and Y. Zohar (Eilat, Israel) 373
Technical Paper
Cryopreservation of the euryhaline rotifer Brachionus plicatilis embryos
J.D. Toledo (Iloilo City, Philippines) and H. Kurokura (Shizuoka, Japan) 385
Author Index
Contents of Aquaculture, Volume 91